

To: Rumrill, Nancy[Rumrill.Nancy@epa.gov]
Cc: Rao, Kate[Rao.kate@epa.gov]; Jonathan.Koplos@cadmusgroup.com[Jonathan.Koplos@cadmusgroup.com]; Albright, David[Albright.David@epa.gov]
From: JAMES D WALKER
Sent: Thur 1/19/2017 9:10:19 PM
Subject: RE: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

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Hi Nancy,

The priority items suggested for discussion tomorrow are as follows:

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Ex. 5 - Deliberative Process

Ex. 5 - Deliberative Process

If you have other priority issues you wish to discuss, please let me know.

Thanks,

Jim

From: Rumrill, Nancy

Sent: Wednesday, January 18, 2017 5:12 PM

To: Jonathan.Koplos@cadmusgroup.com; JAMES D WALKER

Cc: Rao, Kate; Maryam Akhavan; Albright, David

Subject: RE: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

Call for Friday will only be with EPA to prepare for meeting with Excelsior on the 1/24. Thanks,
Nancy



United States Environmental Protection Agency

Nancy Rumrill (rumrill.nancy@epa.gov)

Drinking Water Protection Section (WTR-3-2)

US EPA, Region IX

75 Hawthorne St.

San Francisco, CA 94105

Phone (415) 972-3293

From: Rao, Kate

Sent: Wednesday, January 18, 2017 3:56 PM

To: Jonathan.Koplos@cadmusgroup.com; Rumrill, Nancy

Cc: JAMES D WALKER ; Maryam Akhavan ; Albright, David

Subject: RE: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project

Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

Hi Jim/Jonathan:

Just wanted to clarify that a new TDM is not needed for any follow-up calls between Jim and Nancy to discuss the tech review comments/deliverable. For tracking purposes, all discussions related to the tech review comments/deliverable/documents should be noted under Task 4.

Ex. 5 - Deliberative Process

Note - other EPA Deep Well Team members may be on the call on Friday. Nancy will call you. If you have questions about the call, you can contact her directly. Please remember to provide to me via email a general summary of the call since it is a deliverable.

Many thanks. Kate

Kate Rao
Drinking Water Protection Section (WTR 3-2)
USEPA Region 9
75 Hawthorne St., San Francisco, CA 94105
tel: (415) 972-3533 / fax: (415) 947-3549

From: Jonathan Koplos [<mailto:Jonathan.Koplos@cadmusgroup.com>]

Sent: Wednesday, January 18, 2017 11:49 AM

To: Rao, Kate <Rao.kate@epa.gov>; Rumrill, Nancy <Rumrill.Nancy@epa.gov>; Greenberg, Leslie <Greenberg.Leslie@epa.gov>

Cc: JAMES D WALKER <jameswalker5@msn.com>; Maryam Akhavan <Maryam.Akhavan@cadmusgroup.com>

Subject: RE: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

Hi Kate and Nancy,

Please find attached the Cadmus comments document based on our technical review of the Excelsior December 2016 response to the EPA October 2016 Request for Information.

Please let us know if you have any questions. I believe a follow-up call between you and Jim is planned for Friday, January 20. (Has a time been set for that call yet?)

Thank you,

Jonathan

Jonathan Koplos, Ph.D.

The Cadmus Group, Inc.

100 5th Avenue, Suite 100

Waltham, MA 02451

Ph. 617-673-7184

Cell 617-775-5789

www.cadmusgroup.com

From: Jonathan Koplos

Sent: Wednesday, January 11, 2017 4:46 PM

To: 'Greenberg, Leslie' <Greenberg.Leslie@epa.gov>; Rumrill, Nancy <Rumrill.Nancy@epa.gov>; Rao, Kate <Rao.kate@epa.gov>

Cc: Albright, David <Albright.David@epa.gov>; JAMES D WALKER <jameswalker5@msn.com>

Subject: RE: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

Thank you for the quick response, Leslie.

We'll keep moving on it!

Jonathan

From: Greenberg, Leslie [<mailto:Greenberg.Leslie@epa.gov>]

Sent: Wednesday, January 11, 2017 4:45 PM

To: Jonathan Koplos <Jonathan.Koplos@cadmusgroup.com>; Rumrill, Nancy <Rumrill.Nancy@epa.gov>; Rao, Kate <Rao.kate@epa.gov>

Cc: Albright, David <Albright.David@epa.gov>; JAMES D WALKER <jameswalker5@msn.com>

Subject: RE: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

Hi Johnathan,

The revised LOE estimates and deliverable dates for the Excelsior response review are acceptable.

Thanks,

Leslie

Leslie Ann Greenberg

Leslie Ann Greenberg

U.S. EPA, Region 9

Drinking Water Protection Section (WTR-3-2)

Tribal and State Assistance Branch

75 Hawthorne Street, San Francisco, CA 94105

tel. 415 972 3349 FAX 415 947 3549

Greenberg.leslie@epa.gov

From: Jonathan Koplos [<mailto:Jonathan.Koplos@cadmusgroup.com>]

Sent: Wednesday, January 11, 2017 1:11 PM

To: Rumrill, Nancy <Rumrill.Nancy@epa.gov>; Greenberg, Leslie <Greenberg.Leslie@epa.gov>; Rao, Kate <Rao.kate@epa.gov>

Cc: Albright, David <Albright.David@epa.gov>; JAMES D WALKER <jameswalker5@msn.com>

Subject: FW: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

Hi Nancy and Leslie (and David and Kate),

Jim and I have discussed the Excelsior response review work that we've all exchanged emails on. From this point forward we'll develop comments for the responses, but at this time will not prepare summaries of responses.

Ex. 4 - CBI

TDMs (below).

Please let us know if the revised LOE and due date is acceptable, and/or if you have any questions.

Thank you,

Jonathan

Jonathan Koplos, Ph.D.

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Waltham, MA 02451

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Cell 617-775-5789

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From: Rao, Kate [<mailto:Rao.kate@epa.gov>]

Sent: Friday, December 16, 2016 1:39 PM

To: JAMES D WALKER <jameswalker5@msn.com>; Jonathan Koplos
<Jonathan.Koplos@cadmusgroup.com>

Cc: Albright, David <Albright.David@epa.gov>; Rumrill, Nancy <Rumrill.Nancy@epa.gov>

Subject: FW: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

Hi Jonathan/Jim --

We just received a response from Excelsior addressing our Oct 2016 Notice Of Deficiency letter (see attached). Therefore, we need assistance under Task 4 for technical review (see below email thread for initial TDM).

Under Task 4 (Project Technical Review), the contractor shall provide technical review for

Ex. 4 - CBI

o Estimated LQE: 60-80

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Ex. 4 - CBI

I plan to mail the material directly to Jim today. In addition to the NOD response, I will include a copy Excelsior's ADEQ APP supplemental permit application. There is info/material in the supplemental application that might be useful for your review of the NOD response.

Please let me know if you have any questions.

Kate

Kate Rao
Drinking Water Protection Section (WTR 3-2)
USEPA Region 9
75 Hawthorne St., San Francisco, CA 94105
tel: (415) 972-3533 / fax: (415) 947-3549

From: Rao, Kate

Sent: Wednesday, November 02, 2016 10:19 AM

To: Jonathan.Koplos@cadmusgroup.com

Cc: JAMES D WALKER <jameswalker5@msn.com>; Albright, David
<Albright.David@epa.gov>; Rumrill, Nancy <Rumrill.Nancy@epa.gov>

Subject: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

Hi Jonathan – below is a new work initiation request under Contract No. EP-C-15-022, WA 1-90 for

Ex. 4 - CBI

Thanks. Kate

Contract No. EP-C-15-022, Workplan Assignment No. 1-90

**R9 Tech Support for Implementation of the UIC Program – Excelsior Mining Company -
Class III UIC Permit #R9UIC-AZ1-FY-16-1**

Task 4 (Project Technical Reviews) & Task 5 (Consultation)

Technical Direction

Background: Excelsior Mining Company (Excelsior) has submitted a UIC area permit application to operate a Class III ISR copper mining facility in Chochise County, AZ.

On 3/24/2016, we issued a TDM requesting a technical review of Excelsior's Class III permit application. Cadmus submitted technical review comments on 6/8/2016 (see attached: Comments on the Excelsior Mining Arizona Gunnison Copper Project_6-8-2016.docx). EPA utilized these comments to issue the attached Notice of Deficiency on 10/14/2016 to Excelsior. Excelsior has requested a conference call with EPA Region 9 to discuss the NOD.

Under Task 5 (Consultation), the contractor shall make available a staff person to consult,

Ex. 4 - CBI

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Ex. 4 - CBI

Kate Rao
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